

NELCO

**X-RAY
PROTECTION**

NEW ENGLAND LEAD BURNING CO., INC. • SAN LEANDRO, CALIF.

Contractors in Lead

NELCO X-RAY PROTECTION

Manufacturers and Installers since 1935, New England Lead Burning Co., Inc., has been furnishing and installing lead protection in hospitals, clinics, and medical schools throughout the country, and with our five factories and offices strategically located, we are prepared to handle any job.

FLOOR LAPS:

Three practical methods for installation of sheet lead on floors: butt and burnt joint, lead strips recessed in slab, and a lap seam.

DOORS:

"NELCO" lead core doors, either with poured lead fasteners or bolts.

WINDOWS:

"NELCO" extruded lead window with or without voice passage, and the split lead glass type for doors or narrow partitions.

GARANTEE AND SPECIFICATIONS:

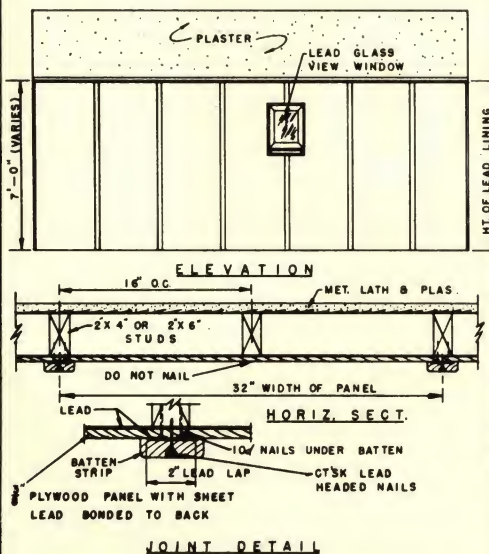
All X-Ray protection material and equipment as manufactured and installed by New England Lead Burning Company, Inc., is guaranteed to conform to the United States Department of Commerce, National Bureau of Standards.

We have given specifications of construction with our illustrated details in the following pages. If further information is desired, contact our nearest location.



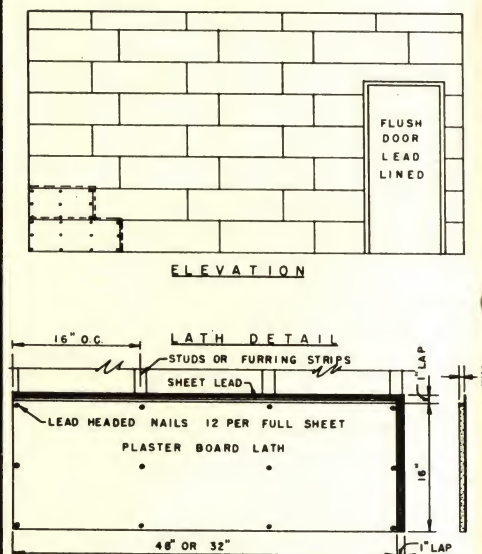
NELCO lead headed nail

PLYWOOD PANELS



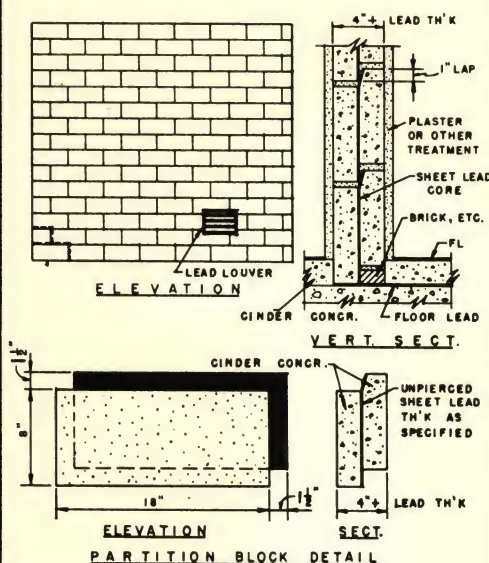
NELCO lead line plywood panels; $\frac{3}{8}$ " thick plywood with sheet lead bonded to the back with special adhesive. Joints protected by battenstrips. Specified when plastering not required — may be finished in any desired finish, except plaster.

ROCK LATH PANELS



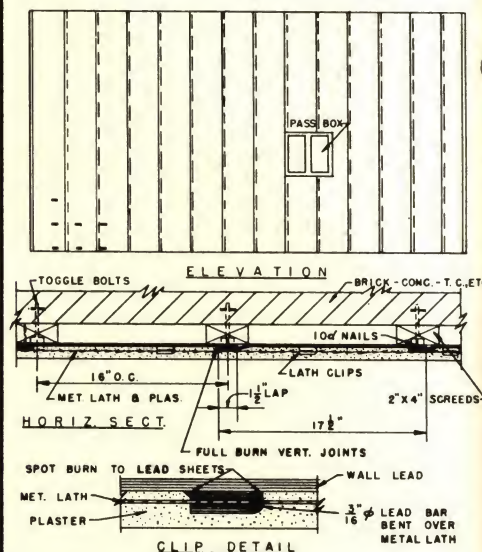
NELCO lead backed lath; $\frac{3}{8}$ " thick plaster-board lath 16" x 48" with a sheet of unpierced lead bonded to the back, thickness as specified. Specified when required plaster finish, standard sizes—special sizes to order.

CINDER BLOCK WALLS



NELCO lead lined cinder blocks; specially designed with a tapered edge at top and one side to form a positive keyed mortar joint.

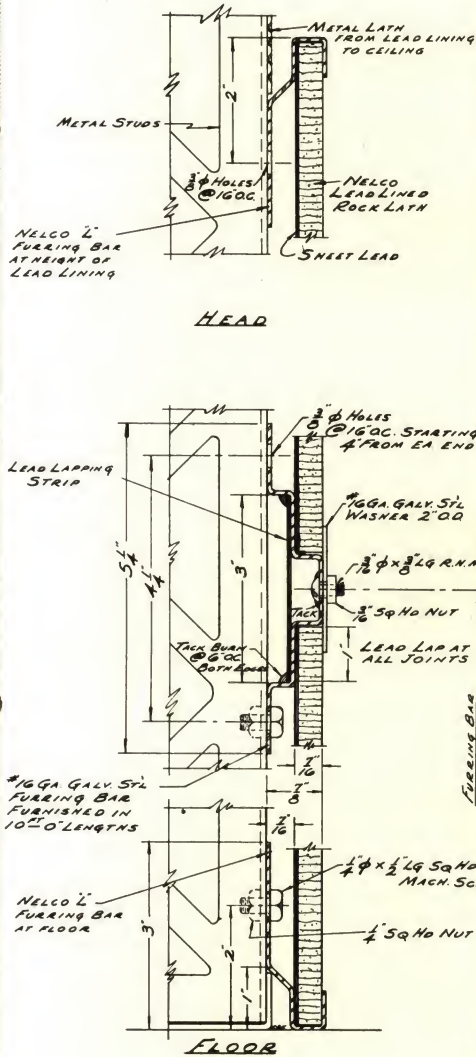
SHEET LEAD BURNED



Method recommended where lead is $\frac{1}{4}$ " or over. Sheets lapped a minimum of 2", with all joints burned. Lead lath clips spot burned to hold metal lath in place.

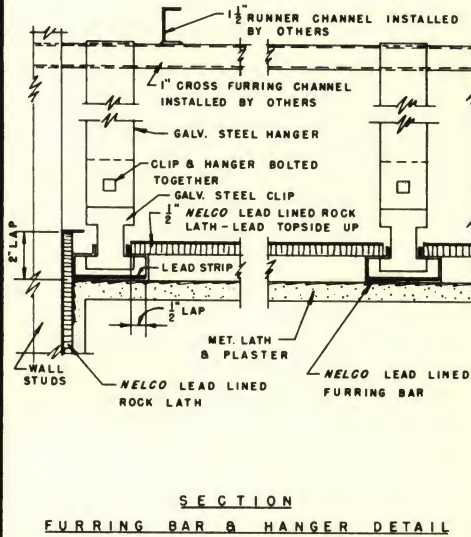
NELCO X-RAY PROTECTION

FURRING BAR



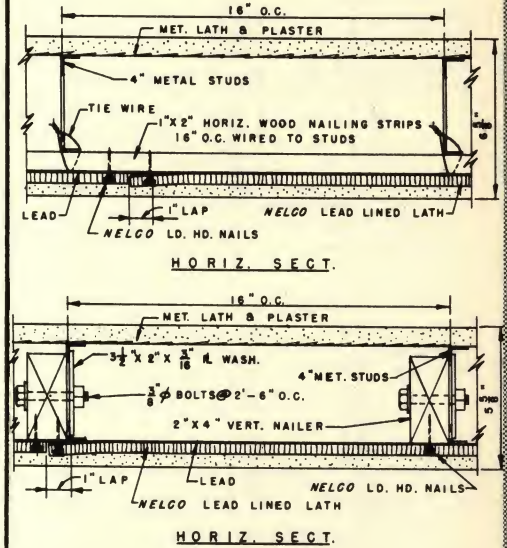
NELCO lead lined wall furring bar where wood nailing strips or studs are not allowed in the construction.

SUSPENDED CEILINGS



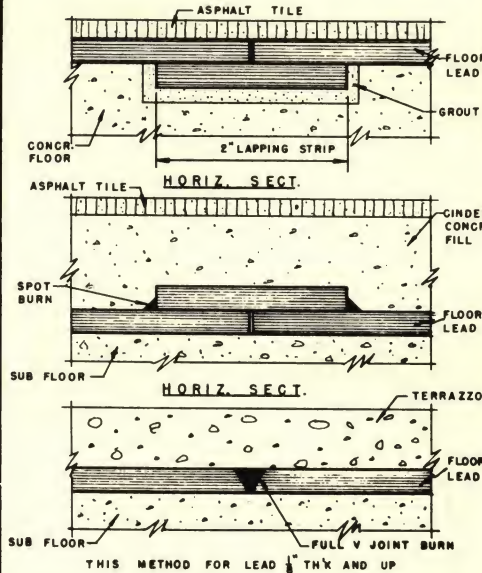
Suspended ceiling of NELCO lead lined furring channels installed with metal clips and hangers adjoining lead insulated walls.

ROCK LATH METAL STUDS



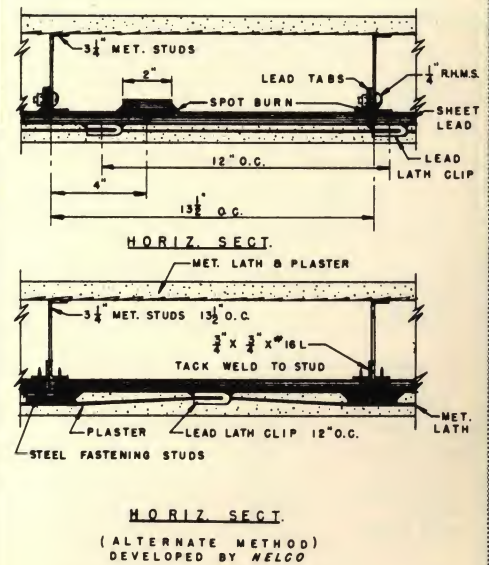
Two practical methods of installing NELCO lath on metal studs, vertical 2" x 4" bolted to metal stud or 1" x 2" nailing strip wired horizontally.

FLOOR LAPS

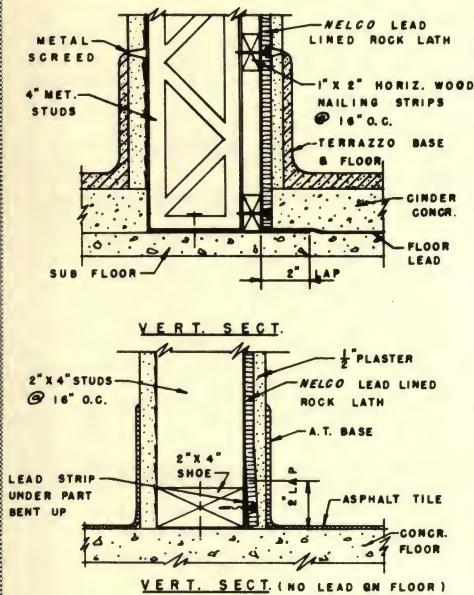


Three common methods used for installing sheet lead on floors. Lap seam with strip in a chase, recessed in slab and a butt and burnt joint.

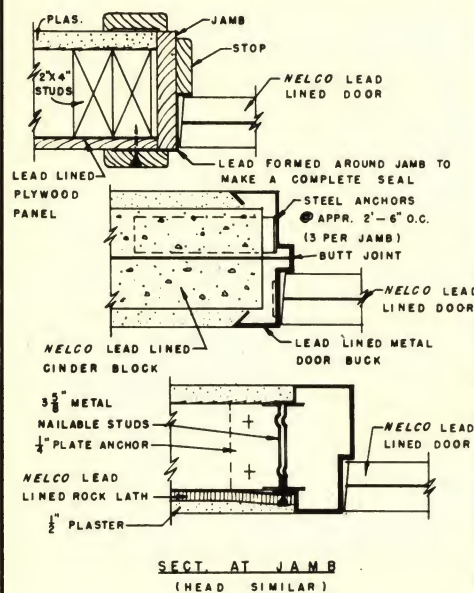
HEAVY LEAD ON STUDS



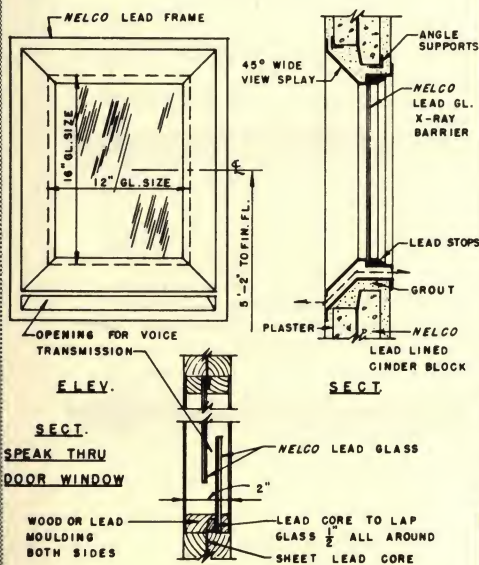
Suggested methods when lead is 1/2" thick and up to allow a minimum partition width.

NELCO**-RAY PROTECTION****PARTITION AND FLOOR LAP**

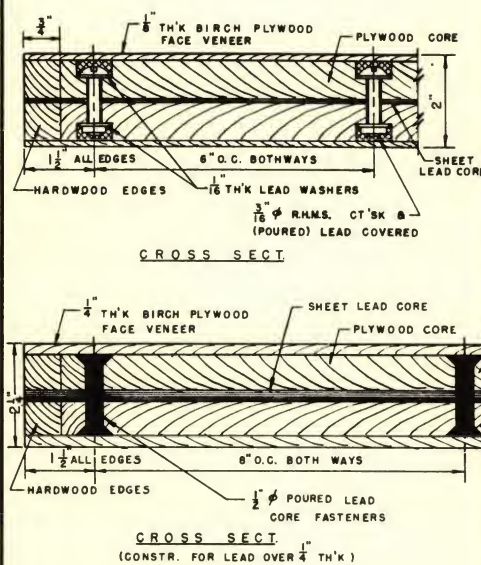
Typical methods used where lead lined walls join lead lined floor or plain floor.

LEAD LINED DOOR FRAMES

Several practical methods of installing sheet lead lining in metal door frames or around wood jambs.

WINDOWS

NELCO lead window frames with or without voice passage. Also split lead glass type for doors or narrow partitions furnished in desired sizes.

DOORS

NELCO lead core doors, bolted construction with bolts covered with poured lead or poured fastener units when core is over 1/4" thick.

typical installations

Baird Memorial Hospital
Lovelace Foundation
Albuquerque, New Mexico
Architect: Ferguson, Stevens & Associates

Cascade Sanatorium
Redding, California
Architect: E. Geoffrey Bangs

Air Force Indoctration Center
Processing Bldg. No. 2
Camp Parks, Pleasanton, Calif.
Architect: Frederick W. Whittlesey

Northwest Texas Hospital
Amarillo, Texas
Architect: Guy Carlander

Massachusetts General Hospital
Boston, Mass.
Architects: Coolidge, Shepley, Bulfinch & Abbott

O'Connor Hospital
San Jose, California
Architect: Maguolo, Quick & Franklin T. Georgenson

Peninsula Hospital
Mills Estate, El Carmine Real,
South of Millbrae
San Mateo County
Architect: Stone & Mulloy

St. Vincents Hospital
Santa Fe, New Mexico
Architect: Meem, Zehoer, Hollen

New England Deaconess Hospital
Cancer Research-Palmer Memorial
Boston, Mass.
Architects: Coolidge, Shepley, Bulfinch & Abbott

Radiological Laboratory
San Francisco, California
Architect: Blanchard & Maher

Bernalillo County Indian Hospital
Albuquerque, New Mexico
Architect: Ferguson, Stevens & Associates

Roger Williams General Hospital
Providence, R. I.
Architects: Howe, Prout & Ekman

Eden Township Hospital
Castro Valley, California
Architect: Stone & Mulloy

Emanuel Hospital
Portland, Oregon
Architect: Church, Newberry & Roehr

West Contra Costa Hospital
San Pablo, California
Architect: Stone & Mulloy

University of California
Teaching Hospital
San Francisco, California
Architect: Milton T. Pfueger

Day Kimball Hospital
Putnam, Connecticut
Architects: Ebbets, Frid & Prentice,
Hartford, Conn.

California Medical Facilities
Vacaville, California
Architect: Division of Architecture,
Dept. of Public Works

factories and offices

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New England Lead Burning Co., Inc.
535 W. Putnam Drive, Whittier, Calif.

New England Lead Burning Corp.,
4975 Fyler Ave., St. Louis, Mo.

"Nelco" of Texas,
4600 Homestead Rd. Houston, Texas

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